

### **Common Drugs of Abuse**

Most drugs of abuse are addictive. Addiction is a chronic, relapsing disease characterized by compulsive drug seeking and use despite negative consequences and by long-lasting changes in the brain. People who are addicted have strong cravings for the drug, making it difficult to stop using. Most drugs alter a person's thinking and judgment, which can increase the risk of injury or death from drugged driving or infectious diseases (e.g., HIV/AIDS, hepatitis) from unsafe sexual practices or needle sharing. Drug use during pregnancy can lead to neonatal abstinence syndrome, a condition in which a baby can suffer from dependence and withdrawal symptoms after birth. Pregnancy-related issues are listed in the chart below for drugs where there is enough scientific evidence to connect the drug use to negative effects. However, most drugs could potentially harm an unborn baby.

In the chart, the Drug Enforcement Agency (DEA) schedule indicates the drug's acceptable medical use and its potential for abuse or dependence. More information can be found on the <u>DEA website</u>. For more comprehensive information about treatment options for drug addiction, see NIDA's <u>Principles of Drug Addiction Treatment: A Research-Based Guide (Third Edition)</u>.

The following drugs are included in this resource:

- Alcohol
- Ayahuasca
- Bath Salts (Synthetic Cathiones)
- Cocaine
- ➤ DMT
- ➢ GHB
- Hallucinogens
- > Heroin
- Inhalants
- Ketamine
- ➤ LSD
- Marijuana (Cannabis)
- MDMA (Ecstasy/Molly)

- Mescaline (Peyote)
- Methamphetamine
- Over-the-counter Cough/Cold Medicines (Dextromethorphan or DMX)
- ▶ PCP
- Prescription Opioids
- Prescription Sedatives
- Prescription Stimulants
- Psilocybin
- Salvia
- Steroids (Anabolic)
- Synthetic Cannabinoids ("K2" / "Spice")
- Tobacco

#### Alcohol

People drink to socialize, celebrate, and relax. Alcohol often has a strong effect on people – and throughout history, people have struggled to understand and manage alcohol's power. Why does alcohol cause people to act and feel differently? How much is too much? Why do some people become addicted while others do not? The National Institute on Alcohol Abuse and Alcoholism is researching the answers to these, and many other questions about alcohol. Here's what is known:

Alcohol's effects vary from person to person, depending on a variety of factors, including:

- How much you drink
- How often you drink
- Your age
- Your health status
- Your family history

While drinking alcohol is itself not necessarily a problem – <u>drinking too much</u> can cause a range of consequences, and increase your risk for a variety of problems. For more information on alcohol's effects on the body, please see the <u>National Institute</u> on <u>Alcohol Abuse</u> and <u>Alcoholism's</u> related web page describing alcohol's effects on the body.

#### Ayahuasca

A hallucinogenic tea made in the Amazon from a DMT-containing plant (*Psychotria viridis* or *Diplopterys cabrerana* or other) along with another vine (*Banisteriopsis caapi*) that contains an MAO Inhibitor preventing the natural breakdown of DMT in the digestive system, thereby facilitating a prolonged hallucinatory experience. It was used historically in Amazonian religious and healing rituals and is increasingly used by tourists. For more information, see the <u>Hallucinogens and Dissociative Drugs Research Report</u>.

| Street Names         | Commercial Names                                 | Common Forms  | Common Ways Taken             | DEA<br>Schedule |  |  |
|----------------------|--|---|-------------------------------|-----------------|--|--|
| Aya, Yagé, Hoasca    | No commercial uses                               | Brewed as tea   | Swallowed as tea              | DMT is          |  |  |
| Aya, Tage, Hoasca    | No commercial uses                               | biewed as tea   | Swallowed as tea              | Schedule I      |  |  |
|                      |  |   |                               | but plants      |  |  |
|                      |  |   |                               | containin       |  |  |
|                      |  |   |                               | g it are        |  |  |
|                      |  |   |                               | not             |  |  |
|                      |  |   |                               | controlled      |  |  |
|                      | Po   | ossible Health Effects  |                               |                 |  |  |
| Short-term           | Strong hallucinations inc                        | Strong hallucinations including perceptions of otherworldly imagery, altered visual and |                               |                 |  |  |
|                      | auditory perceptions; in                         | auditory perceptions; increased blood pressure, vomiting.                               |                               |                 |  |  |
| Long-term            | Unknown.   | Unknown.  |                               |                 |  |  |
| Other Health-related | Unknown.   |   |                               |                 |  |  |
| Issues               |  |   |                               |                 |  |  |
| In Combination with  | Unknown.   | Unknown.  |                               |                 |  |  |
| Alcohol              |  |   |                               |                 |  |  |
| Withdrawal           | Unknown.   |   |                               |                 |  |  |
| symptoms             |  |   |                               |                 |  |  |
|                      |  | Treatment Options   |                               |                 |  |  |
| Medications          | It is not known whether                          | ayahuasca is addictive. The   | ere are no FDA-approved med   | ications to     |  |  |
|                      | treat addiction to ayahu                         | treat addiction to ayahuasca or other hallucinogens.                                    |                               |                 |  |  |
| Behavioral Therapies | More research is needed therapies are effective. | d to find out if ayahuasca is   | addictive and, if so, whether | behavioral      |  |  |

### **Bath Salts (Synthetic Cathinones)**

An emerging family of drugs containing one or more synthetic chemicals related to cathinone, a stimulant found naturally in the Khat plant. Examples of such chemicals include mephedrone, methylone, and 3,4-methylenedioxypyrovalerone (MDPV). For more information, see the <a href="Bath Salts DrugFacts">Bath Salts DrugFacts</a>.

| Street Names  | Commercial Names   | Common Forms  | Common Ways<br>Taken         | DEA<br>Schedule  |  |
|---|--|---|------------------------------|--|--|
| Bloom, Cloud Nine,<br>Cosmic Blast, Ivory<br>Wave, Lunar Wave,<br>Scarface, Vanilla Sky,<br>White Lightning | No commercial uses<br>for ingested "bath<br>salts"         | White or brown crystalline powder sold in small plastic or foil packages labeled "not for human consumption" and sometimes sold as jewelry cleaner; tablet, capsule, liquid   | Swallowed, snorted, injected | I<br>Some<br>formulatio<br>ns have<br>been<br>banned by<br>the DEA |  |
|   | Po   | ssible Health Effects   |                              |  |  |
| Short-term  | paranoia, agitation, and I<br>sweating; nausea, vomiti     | Increased heart rate and blood pressure; euphoria; increased sociability and sex drive; paranoia, agitation, and hallucinations; psychotic and violent behavior; nosebleeds; sweating; nausea, vomiting; insomnia; irritability; dizziness; depression; suicidal thoughts; panic attacks; reduced motor control; cloudy thinking. |                              |  |  |
| Long-term   | Breakdown of skeletal m                                    | Breakdown of skeletal muscle tissue; kidney failure; death.   |                              |  |  |
| Other Health-related Issues   | Risk of HIV, hepatitis, and                                | d other infectious diseases from  | shared needles.              |  |  |
| In Combination with Alcohol   | Unknown.   |   |                              |  |  |
| Withdrawal<br>Symptoms  | Depression, anxiety, prob                                  | olems sleeping, tremors, paranoi  | a.                           |  |  |
|   | 1  | Freatment Options   |                              |  |  |
| Medications   | There are no FDA-approv                                    | ved medications to treat addiction  | on to bath salts.            |  |  |
| Behavioral Therapies  | <ul><li>Contingency mar</li><li>Motivational Enh</li></ul> | oral therapy (CBT)<br>nagement, or motivational incen<br>nancement Therapy (MET)<br>ments geared to teens   | tives                        |  |  |

#### Cocaine

A powerfully addictive stimulant drug made from the leaves of the coca plant native to South America. For more information, see the Cocaine Research Report.

| Street Names   | Commercial Names  | Common Forms  | Common Ways<br>Taken                                   | DEA<br>Schedule |
|--|---|---|--|-----------------|
| Blow, Bump, C, Candy,<br>Charlie, Coke, Crack,<br>Flake, Rock, Snow,<br>Toot | Cocaine hydrochloride<br>topical solution<br>(anesthetic rarely used<br>in medical procedures)  | White powder, whitish rock crystal  | Snorted, smoked, injected                              | II              |
|  | Po  | ssible Health Effects   |  |                 |
| Short-term   | pressure; headache; abd<br>insomnia, restlessness; a  | enlarged pupils; increased body<br>ominal pain and nausea; euphor<br>nxiety; erratic and violent behav<br>problems, heart attack; stroke, s | ia; increased energy, ald<br>vior, panic attacks, para | ertness;        |
| Long-term  | Loss of sense of smell, nosebleeds, nasal damage and trouble swallowing from snorting; infection and death of bowel tissue from decreased blood flow; poor nutrition and weight loss from decreased appetite. |   |  |                 |
| Other Health-related Issues  |   | elivery, low birth weight, neonat   | ŕ  |                 |
| In Combination with Alcohol  | Greater risk of overdose  | and sudden death than from eit  | her drug alone.  |                 |
| Withdrawal<br>Symptoms   | Depression, tiredness, inc<br>thinking and movement,  | creased appetite, insomnia, vivid<br>restlessness.  | d unpleasant dreams, slo                               | owed            |
|  | 7   | Freatment Options   |  |                 |
| Medications  | There are no FDA-approv   | red medications to treat cocaine  | addiction.   |                 |
| Behavioral Therapies   | <ul> <li>Cognitive-behavi</li> </ul>  | oral therapy (CBT)  |  |                 |
|  | <ul> <li>Community reinf</li> </ul>   | orcement approach plus vouche   | ers  |                 |
|  | <ul> <li>Contingency mar</li> </ul>   | nagement, or motivational incen   | tives  |                 |
|  | The matrix mode   |   |  |                 |
|  | <ul> <li>12-Step facilitation</li> </ul>  | on therapy  |  |                 |

#### DMT

A synthetic drug producing intense but relatively short-lived hallucinogenic experiences; also naturally occurring in some South American plants (See Ayahuasca). For more information, see the <a href="Hallucinogens">Hallucinogens</a> and <a href="Dissociative Drugs">Dissociative Drugs</a> Research Report.

| <u></u>                        |   |   | T                            | ,               |  |
|--------------------------------|---|---|------------------------------|-----------------|--|
| Street Names                   | Commercial Names  | Common Forms  | Common Ways Taken            | DEA<br>Schedule |  |
| DMT, Dimitri                   | No commercial uses  | White or yellow crystalline powder                        | Smoked, injected             | I               |  |
|                                | Possible Health Effects   |   |                              |                 |  |
| Short-term                     | Intense visual hallucinations, depersonalization, auditory distortions, and an altered perception of time and body image, usually resolving in 30-45 minutes or less. Physical effects include hypertension, increased heart rate, agitation, seizures, dilated pupils, involuntary rapid eye movements, dizziness, incoordination. |   |                              | ysical          |  |
| Long-term                      | Unknown   |   |                              |                 |  |
| Other Health-related<br>Issues | At high doses, coma and   | At high doses, coma and respiratory arrest have occurred. |                              |                 |  |
| In Combination with Alcohol    | Unknown.  |   |                              |                 |  |
| Withdrawal symptoms            | Unknown.  |   |                              |                 |  |
|                                |   | Freatment Options   |                              |                 |  |
| Medications                    | It is not known whether addiction to DMT or other   |   | no FDA-approved medication   | ns to treat     |  |
| Behavioral Therapies           | More research is needed therapies are effective.  | to find out if DMT is addicti                             | ve and, if so, whether behav | ioral           |  |

#### GHB

A depressant approved for use in the treatment of narcolepsy, a disorder that causes daytime "sleep attacks." For more information, see the <u>Club Drugs DrugFacts</u>.

| Street Names                | Commercial Names   | Common Forms                     | Common Ways                | DEA      |
|-----------------------------|--|----------------------------------|----------------------------|----------|
|                             |  |                                  | Taken                      | Schedule |
| G, Georgia Home Boy,        | Gamma-   | Colorless liquid, white          | Swallowed (often           | 1        |
| Goop, Grievous Bodily       | hydroxybutyrate or   | powder                           | combined with              |          |
| Harm, Liquid Ecstasy,       | sodium oxybate   |                                  | alcohol or other           |          |
| Liquid X, Soap, Scoop       | (Xyrem®)   |                                  | beverages)                 |          |
|                             | Po   | ssible Health Effects            |                            |          |
| Short-term                  | Euphoria, drowsiness, decreased anxiety, confusion, memory loss, hallucinations, excited and aggressive behavior, nausea, vomiting, unconsciousness, seizures, slowed heart rate and breathing, lower body temperature, coma, death. |                                  |                            |          |
| Long-term                   | Unknown.   |                                  |                            |          |
| Other Health-related        | Sometimes used as a dat  | e rape drug.                     |                            |          |
| Issues                      |  |                                  |                            |          |
| In Combination with Alcohol | Nausea, problems with b  | reathing, greatly increased depr | essant effects.            |          |
| Withdrawal                  | Insomnia, anxiety, tremo   | rs, sweating, increased heart ra | te and blood pressure, ps  | sychotic |
| Symptoms                    | thoughts.  |                                  |                            |          |
| Treatment Options           |  |                                  |                            |          |
| Medications                 | Benzodiazepines  |                                  |                            |          |
| Behavioral Therapies        | More research is needed addiction.   | to find out if behavioral therap | ies can be used to treat G | iнв      |

### Hallucinogens

Drugs that cause profound distortions in a person's perceptions of reality, such as ketamine, LSD, mescaline (peyote), PCP, psilocybin, salvia, DMT, and ayahuasca. For more information, see the <a href="Hallucinogens">Hallucinogens</a> and <a href="Dissociative Drugs">Dissociative Drugs</a> Research Report.

#### Heroin

An opioid drug made from morphine, a natural substance extracted from the seed pod of the Asian opium poppy plant. For more information, see the <u>Heroin Research Report</u>.

|   |  |  | DEA   |
|---|--|--|---|
|   |  |  | Schedule  |
| No commercial uses  | White or brownish  | Injected, smoked,  | I   |
|   | 1 .  | snorted  |   |
|   |  |  |   |
|   | "black tar heroin"   |  |   |
|   |  |  |   |
|   |  |  |   |
|   |  |  |   |
| Po  | ssible Health Effects  |  |   |
| Euphoria; warm flushing   | of skin; dry mouth; heavy for  | eeling in the hands and feet;  | clouded   |
| G.  | ful and drowsy states; itchir  | ng; nausea; vomiting; slowed   | breathing   |
| and heart rate.   |  |  |   |
| Collapsed veins; abscess  | es (swollen tissue with pus);  | ; infection of the lining and va   | alves in the  |
| heart; constipation and stomach cramps; liver or kidney disease; pneumonia. |  |  |   |
| Pregnancy: miscarriage,   | low birth weight, neonatal a   | abstinence syndrome.   |   |
|   |  |  |   |
| Risk of HIV, hepatitis, and   | d other infectious diseases f  | from shared needles.   |   |
| Dangerous slowdown of heart rate and breathing, coma, death.                |  |  |   |
|   |  |  |   |
| Restlessness, muscle and  | d bone pain, insomnia, diarr   | hea, vomiting, cold flashes w  | ith goose   |
| bumps ("cold turkey"), le   | eg movements.  |  |   |
| •   | Treatment Options  |  |   |
| <ul> <li>Methadone</li> </ul>   |  |  |   |
| <ul> <li>Buprenorphine</li> </ul>   |  |  |   |
| <ul> <li>Naltrexone (short</li> </ul>                                       | rt and long-acting forms)  |  |   |
| •   |  | incentives   |   |
| σ,  |  |  |   |
|   | Euphoria; warm flushing thinking; alternate wake and heart rate.  Collapsed veins; abscess heart; constipation and some pregnancy: miscarriage,  Risk of HIV, hepatitis, and Dangerous slowdown of Restlessness, muscle and bumps ("cold turkey"), leading to the Methadone  • Methadone  • Methadone  • Naltrexone (show contingency manness) | thinking; alternate wakeful and drowsy states; itchir and heart rate.  Collapsed veins; abscesses (swollen tissue with pus) heart; constipation and stomach cramps; liver or kid Pregnancy: miscarriage, low birth weight, neonatal at Risk of HIV, hepatitis, and other infectious diseases to Dangerous slowdown of heart rate and breathing, control Restlessness, muscle and bone pain, insomnia, diarrebumps ("cold turkey"), leg movements.  Treatment Options  Methadone Buprenorphine Naltrexone (short and long-acting forms) Contingency management, or motivational in the college of the control of the college of | Possible Health Effects  Euphoria; warm flushing of skin; dry mouth; heavy feeling in the hands and feet; thinking; alternate wakeful and drowsy states; itching; nausea; vomiting; slowed and heart rate.  Collapsed veins; abscesses (swollen tissue with pus); infection of the lining and vaheart; constipation and stomach cramps; liver or kidney disease; pneumonia.  Pregnancy: miscarriage, low birth weight, neonatal abstinence syndrome.  Risk of HIV, hepatitis, and other infectious diseases from shared needles.  Dangerous slowdown of heart rate and breathing, coma, death.  Restlessness, muscle and bone pain, insomnia, diarrhea, vomiting, cold flashes w bumps ("cold turkey"), leg movements.  Treatment Options  • Methadone  • Buprenorphine  • Naltrexone (short and long-acting forms)  • Contingency management, or motivational incentives |

#### **Inhalants**

Solvents, aerosols, and gases found in household products such as spray paints, markers, glues, and cleaning fluids; also nitrites (e.g., amyl nitrite), which are prescription medications for chest pain. For more information, see the Inhalants Research Report.

| Street Names                              | Commercial Names  | Common Forms  | Common Ways<br>Taken              | DEA<br>Schedule  |
|---|---|---|-----------------------------------|------------------|
| Poppers, snappers, whippets, laughing gas | Various   | Paint thinners or removers, degreasers, dry-cleaning fluids, gasoline, lighter fluids, correction fluids, permanent markers, electronics cleaners and freeze sprays, glue, spray paint, hair or deodorant sprays, fabric protector sprays, aerosol computer cleaning products, vegetable oil sprays, butane lighters, propane tanks, whipped cream aerosol containers, refrigerant gases, ether, chloroform, halothane, nitrous oxide | Inhaled through the nose or mouth | Not<br>scheduled |
|   | Po  | ssible Health Effects   |                                   |                  |
| Short-term                                | Confusion; nausea; slurred speech; lack of coordination; euphoria; dizziness; drowsiness; disinhibition, lightheadedness, hallucinations/delusions; headaches; sudden sniffing death due to heart failure (from butane, propane, and other chemicals in aerosols); death from asphyxiation, suffocation, convulsions or seizures, coma, or choking.  Nitrites: enlarged blood vessels, enhanced sexual pleasure, increased heart rate, brief sensation of heat and excitement, dizziness, headache. |   |                                   |                  |
| Long-term                                 | ,   | ; bone marrow damage; limb spagen that can cause problems wit pneumonia.  |                                   | _                |
| Other Health-related Issues               |   | ght, bone problems, delayed bel<br>olism and body composition.  | navioral development du           | ie to brain      |
| In Combination with Alcohol               | Nitrites: dangerously low   | blood pressure.   |                                   |                  |
| Withdrawal<br>Symptoms                    | Nausea, loss of appetite, sweating, tics, problems sleeping, and mood changes.  |   |                                   |                  |
|   |   | reatment Options  |                                   |                  |
| Medications                               | There are no FDA-approv   | ed medications to treat inhalant  | addiction.                        |                  |
| Behavioral Therapies                      | More research is needed addiction.  | to find out if behavioral therapi   | es can be used to treat in        | nhalant          |

#### **Ketamine**

A dissociative drug used as an anesthetic in veterinary practice. Dissociative drugs are hallucinogens that cause the user to feel detached from reality. For more information, see the <u>Hallucinogens and Dissociative Drugs Research Report</u>.

| Street Names                           | Commercial Names  | Common Forms  | Common Ways Taken  | DEA<br>Schedule |  |
|--|---|---|--|-----------------|--|
| Cat Valium, K, Special<br>K, Vitamin K | Ketalar®  | Liquid, white powder  | Injected, snorted, smoked (powder added to tobacco or marijuana cigarettes), swallowed | III             |  |
|  | Po  | ssible Health Effects   |  |                 |  |
| Short-term                             | confusion and problems  | , learning, and memory; drea<br>speaking; loss of memory; po<br>pressure; unconsciousness; sl | roblems moving, to the point   | t of being      |  |
| Long-term                              | Ulcers and pain in the bladder; kidney problems; stomach pain; depression; poor memory. |   |  |                 |  |
| Other Health-related Issues            | Sometimes used as a dat   | Sometimes used as a date rape drug.   |  |                 |  |
|  | Risk of HIV, hepatitis, and   | Risk of HIV, hepatitis, and other infectious diseases from shared needles.                    |  |                 |  |
| In Combination with<br>Alcohol         | Increased risk of adverse   | effects.  |  |                 |  |
| Withdrawal<br>Symptoms                 | Unknown.  |   |  |                 |  |
|  | Treatment Options   |   |  |                 |  |
| Medications                            | There are no FDA-approvings.  | ved medications to treat add  | iction to ketamine or other c  | dissociative    |  |
| Behavioral Therapies                   | More research is needed dissociative drugs.   | I to find out if behavioral the   | rapies can be used to treat a  | ddiction to     |  |

#### LSD

A hallucinogen manufactured from lysergic acid, which is found in ergot, a fungus that grows on rye and other grains. LSD is an abbreviation of the scientific name, *lysergic acid diethylamide*. For more information, see the <u>Hallucinogens and Dissociative Drugs Research Report</u>.

| Street Names  | Commercial Names   | Common Forms   | Common Ways   | DEA          |
|---|--|--|---|--------------|
| oti cet ivanies   | Commercial Names   |  | Taken   | Schedule     |
| Acid, Blotter, Blue<br>Heaven, Cubes,<br>Microdot, Yellow<br>Sunshine | No commercial uses   | Tablet; capsule; clear liquid; small, decorated squares of absorbent paper that liquid has been added to | Swallowed, absorbed through mouth tissues (paper squares) | ı            |
|   | Po   | ossible Health Effects   |   |              |
| Short-term  | Rapid emotional swings; distortion of a person's ability to recognize reality, think rationally, or communicate with others; raised blood pressure, heart rate, body temperature; dizziness and insomnia; loss of appetite; dry mouth; sweating; numbness; weakness; tremors; enlarged pupils. |  |   | e; dizziness |
| Long-term   |  | called Hallucinogen Persisting Pe<br>rganized thinking, paranoia, and                                    | •   | ]); ongoing  |
| Other Health-related Issues   | Unknown.   |  |   |              |
| In Combination with<br>Alcohol  | May decrease the percei  | ived effects of alcohol.   |   |              |
| Withdrawal<br>Symptoms  | Unknown.   |  |   |              |
| Treatment Options   |  |  |   |              |
| Medications   | There are no FDA-approved medications to treat addiction to LSD or other hallucinogens.  |  |   |              |
| Behavioral Therapies  | More research is needed hallucinogens.   | I to find out if behavioral therap   | ies can be used to treat a                                | ddiction to  |

# Marijuana (Cannabis)

Marijuana is made from the hemp plant, *Cannabis sativa*. The main psychoactive (mind-altering) chemical in marijuana is delta-9-tetrahydrocannabinol, or THC. For more information, see the Marijuana Research Report.

| marijuana is delta-9-tetranydrocannabinoi, or THC. For more information, see the <u>Marijuana Research Report</u> . |   |   |                              |          |  |
|---|---|---|------------------------------|----------|--|
| Street Names  | Commercial Names  | Common Forms  | Common Ways Taken            | DEA      |  |
|   |   |   |                              | Schedule |  |
| Blunt, Bud, Dope,   | Various brand names in  | Greenish-gray mixture of  | Smoked, eaten (mixed in      | 1        |  |
| Ganja, Grass, Green,  | states where the sale   | dried, shredded leaves,   | food or brewed as tea)       |          |  |
| Herb, Joint, Mary   | of marijuana is legal   | stems, seeds, and/or  |                              |          |  |
| Jane, Pot, Reefer,  |   | flowers; resin (hashish) or   |                              |          |  |
| Sinsemilla, Skunk,  |   | sticky, black liquid (hash  |                              |          |  |
| Smoke, Trees, Weed;   |   | oil)  |                              |          |  |
| Hashish: Boom,  |   |   |                              |          |  |
| Gangster, Hash, Hemp  | _   |   |                              |          |  |
|   |   | ssible Health Effects   |                              |          |  |
| Short-term  |   | •   | by drowsiness/relaxation; sl |          |  |
|   | • •   | reaction time; problems with balance and coordination; increased heart rate and appetite; |                              |          |  |
|   | problems with learning and memory; hallucinations; anxiety; panic attacks; psychosis. |   |                              |          |  |
| Long-term   | Mental health problems; chronic cough; frequent respiratory infections.               |   |                              |          |  |
| Other Health-related  | Youth: possible loss of IQ  | points when repeated use b  | pegins in adolescence.       |          |  |
| Issues  |   |   |                              |          |  |
|   | Pregnancy: babies born v  | vith problems with attention  | , memory, and problem solv   | ing.     |  |
|   | ,   | '   | , ,,                         | o        |  |
| In Combination with   | Increased heart rate block  | nd pressure: further slowing  | of mental processing and re  | action   |  |
| Alcohol   | time.   | od pressure, farther slowing  | of mental processing and re  | action   |  |
| Withdrawal  |   | ng docrossed apportite appli  | o+v.                         |          |  |
| Symptoms  | irritability, trouble sleepi  | ng, decreased appetite, anxi  | ety.                         |          |  |
| Symptoms  | _   |   |                              |          |  |
|   |   | reatment Options  |                              |          |  |
| Medications   | There are no FDA-approv   | red medications to treat mar  | ijuana addiction.            |          |  |
| Behavioral Therapies  | <ul> <li>Cognitive-behavi</li> </ul>  | Cognitive-behavioral therapy (CBT)  |                              |          |  |
|   | <ul> <li>Contingency mar</li> </ul>   | nagement, or motivational in  | centives                     |          |  |
|   | <ul> <li>Motivational Enh</li> </ul>  | ancement Therapy (MET)  |                              |          |  |
|   | Behavioral treatr   | ments geared to adolescents   |                              |          |  |
|   | L   | <del>-</del>  |                              |          |  |

# MDMA (Ecstasy/Molly)

A synthetic, psychoactive drug that has similarities to both the stimulant amphetamine and the hallucinogen mescaline. MDMA is an abbreviation of the scientific name, *3,4-methylenedioxy-methamphetamine*. For more information, see the MDMA (Ecstasy) Abuse Research Report.

| Street Names                                 | Commercial Names   | Common Forms                               | Common Ways Taken             | DEA<br>Schedule |  |
|--|--|--|-------------------------------|-----------------|--|
| Adam, Clarity, Eve,<br>Lover's Speed, Peace, | No commercial uses   | Colorful tablets with imprinted logos,     | Swallowed, snorted            | I               |  |
| Uppers                                       | Do   | capsules, powder, liquid                   |                               |                 |  |
|  |  |  |                               |                 |  |
| Short-term                                   | Lowered inhibition; enhanced sensory perception; confusion; depression; sleep problems; anxiety; increased heart rate and blood pressure; muscle tension; teeth clenching; nausea; blurred vision; faintness; chills or sweating; sharp rise in body temperature leading to liver, kidney, or heart failure and death. |  |                               | g; nausea;      |  |
| Long-term                                    | Long-lasting confusion, depression, problems with attention, memory, and sleep; increased anxiety, impulsiveness, aggression; loss of appetite; less interest in sex.  |  |                               |                 |  |
| Other Health-related<br>Issues               | Unknown.   |  |                               |                 |  |
| In Combination with Alcohol                  | May increase the risk of o   | cell and organ damage.                     |                               |                 |  |
| Withdrawal<br>Symptoms                       | Fatigue, loss of appetite, depression, trouble concentrating.  |  |                               |                 |  |
|  | Treatment Options  |  |                               |                 |  |
| Medications                                  | There is conflicting evide medications to treat MDI  | nce about whether MDMA is<br>MA addiction. | s addictive. There are no FDA | A-approved      |  |
| Behavioral Therapies                         | More research is needed addiction.   | to find out if behavioral the              | rapies can be used to treat N | ИDMA            |  |

# Mescaline (Peyote)

A hallucinogen found in disk-shaped "buttons" in the crown of several cacti, including peyote. For more information, see the <u>Hallucinogens – LSD</u>, <u>Peyote</u>, <u>Psilocybin</u>, <u>and PCP DrugFacts</u>.

| Street Names                   | Commercial Names                             | Common Forms   | Common Ways<br>Taken                            | DEA<br>Schedule |
|--------------------------------|--|--|---|-----------------|
| Buttons, Cactus, Mesc          | No commercial uses                           | Fresh or dried buttons, capsule                                  | Swallowed (chewed or soaked in water and drunk) | 1               |
|                                | Po   | ssible Health Effects  | ·   |                 |
| Short-term                     |  | d feeling; hallucinations; euph<br>blood pressure; sweating; pro |   | dy              |
| Long-term                      | Unknown.                                     |  |   |                 |
| Other Health-related<br>Issues | Unknown.                                     |  |   |                 |
| In Combination with Alcohol    | Unknown.                                     |  |   |                 |
| Withdrawal<br>Symptoms         | Unknown.                                     |  |   |                 |
|                                |  | Treatment Options  |   |                 |
| Medications                    | There are no FDA-approventile hallucinogens. | ved medications to treat addic                                   | ction to mescaline or other                     |                 |
| Behavioral Therapies           | More research is needed hallucinogens.       | to find out if behavioral ther                                   | apies can be used to treat a                    | addiction to    |

# Methamphetamine

An extremely addictive stimulant amphetamine drug. For more information, see the <u>Methamphetamine Research</u> <u>Report</u>.

| Street Names  | Commercial Names                                 | Common Forms   | Common Ways Taken                    | DEA<br>Schedule |  |
|---|--|--|--------------------------------------|-----------------|--|
| Crank, Chalk, Crystal,<br>Fire, Glass, Go Fast,<br>Ice, Meth, Speed | Desoxyn <sup>®</sup>                             | White powder or pill;<br>crystal meth looks like<br>pieces of glass or shiny<br>blue-white "rocks" of<br>different sizes   | Swallowed, snorted, smoked, injected | II              |  |
|   | Po   | ossible Health Effects   |                                      |                 |  |
| Short-term  |  | nd physical activity; decreas<br>nperature; irregular heart b  | sed appetite; increased breatleat.   | hing, heart     |  |
| Long-term   | delusions, weight loss, se                       | Anxiety, confusion, insomnia, mood problems, violent behavior; paranoia, hallucinations, delusions, weight loss, severe dental problems ("meth mouth"), intense itching leading to skin sores from scratching. |                                      |                 |  |
| Other Health-related Issues   | weight; lethargy; heart a                        | and brain problems.  | acenta from the uterus; low b        | oirth           |  |
|   | · · ·  | d other infectious diseases f  |                                      |                 |  |
| In Combination with Alcohol   | Masks the depressant et blood pressure and jitte | •  | sk of alcohol overdose; may i        | ncrease         |  |
| Withdrawal<br>Symptoms  | Depression, anxiety, tire                        | dness.   |                                      |                 |  |
|   |  | Treatment Options  |                                      |                 |  |
| Medications   | There are no FDA-appro                           | ved medications to treat me  | ethamphetamine addiction.            |                 |  |
| Behavioral Therapies  |  | ioral therapy (CBT)  |                                      |                 |  |
|   |  | nagement or motivational in  | ncentives                            |                 |  |
|   | The matrix mode                                  |  |                                      |                 |  |
|   | 12-Step facilitati                               | on therapy   |                                      |                 |  |

# Over-the-counter Cough/Cold Medicines (Dextromethorphan or DMX)

Psychoactive when taken in higher-than-recommended amounts. For more information, see the <u>Cough and Cold</u> Medicine Abuse DrugFacts.

| Medicine Abuse DrugFa           | icts.   |  |   |                  |
|---------------------------------|---|--|---|------------------|
| Street Names                    | Commercial Names                                | Common Forms   | Common Ways Taken   | DEA<br>Schedule  |
| Robotripping, Robo,<br>Triple C | Various (many brand names include "DM")         | Syrup, capsule   | Swallowed   | Not<br>scheduled |
|                                 | Po  | ssible Health Effects  |   |                  |
| Short-term                      |   | ing; confusion; paranoia; a  | od pressure, temperature; nu<br>ltered visual perceptions; prob |                  |
| Long-term                       | Unknown.  | Unknown.   |   |                  |
| Other Health-related Issues     | Breathing problems, seiz cough/cold medicines.  | Breathing problems, seizures, and increased heart rate may occur from other ingredients in cough/cold medicines. |   |                  |
| In Combination with<br>Alcohol  | Increased risk of adverse                       | effects.   |   |                  |
| Withdrawal<br>Symptoms          | Unknown.  | Unknown.   |   |                  |
|                                 |   | Treatment Options  |   |                  |
| Medications                     | There are no FDA-approvemedicines.              | ved medications to treat a   | ddiction to over-the-counter c                                  | ough/cold        |
| Behavioral Therapies            | More research is needed over-the-counter cough/ |  | herapies can be used to treat a                                 | addiction to     |

#### **PCP**

A dissociative drug developed as an intravenous anesthetic that has been discontinued due to serious adverse effects. Dissociative drugs are hallucinogens that cause the user to feel detached from reality. PCP is an abbreviation of the scientific name, phencyclidine. For more information, see the Hallucinogens and Dissociative Drugs Research Report.

| Street Names                                    | Commercial Names   | Common Forms  | Common Ways<br>Taken   | DEA<br>Schedule              |
|---|--|---|--|------------------------------|
| Angel Dust, Boat, Hog,<br>Love Boat, Peace Pill | No commercial uses   | White or colored powder,<br>tablet, or capsule; clear liquid  | Injected, snorted,<br>swallowed, smoked<br>(powder added to<br>mint, parsley,<br>oregano, or<br>marijuana) | 1, 11                        |
|   | Po   | ssible Health Effects   |  |                              |
| Short-term                                      | environment, anxiety.  Low doses: slight increas shallow breathing; face r with movement.  High doses: lowered block | e in breathing rate; increased bloomed in breathing rate; increased bloomedness and sweating; numbness and pressure, pulse rate, breathing wn of the eyes; drooling; loss of es, coma, and death. | ood pressure and heart r<br>of the hands or feet; pro<br>g rate; nausea; vomiting,                         | rate;<br>oblems<br>, blurred |
| Long-term                                       | Memory loss, problems v  | with speech and thinking, depres  | sion, weight loss, anxiet  | у.                           |
| Other Health-related<br>Issues                  |  | elf-injury.<br>d other infectious diseases from   | shared needles.  |                              |
| In Combination with Alcohol                     | Increased risk of coma.  |   |  |                              |
| Withdrawal<br>Symptoms                          | Headaches, sweating.   |   |  |                              |
|   | 1  | Freatment Options   |  |                              |
| Medications                                     | There are no FDA-approv<br>drugs.  | ved medications to treat addiction  | on to PCP or other dissoc  | iative                       |
| Behavioral Therapies                            | More research is needed dissociative drugs.  | to find out if behavioral therapi   | es can be used to treat a  | ddiction to                  |

### **Prescription Opioids**

Pain relievers with an origin similar to that of heroin. Opioids can cause euphoria and are often used nonmedically, leading to overdose deaths. For more information, see the <a href="Prescription Drug Abuse Research Report">Prescription Drug Abuse Research Report</a>.

| Street Names  | Commercial Names (Common)  | Common Forms                                       | Common Ways Taken  | DEA<br>Schedule |
|---|--|--|--|-----------------|
| Captain Cody, Cody,<br>Lean, Schoolboy,<br>Sizzurp, Purple Drank<br>With glutethimide:<br>Doors & Fours, Loads,<br>Pancakes and Syrup | Codeine (various brand names)  | Tablet, capsule, liquid                            | Injected, swallowed<br>(often mixed with soda<br>and flavorings) | II, III, V      |
| Apache, China Girl,<br>China White, Dance<br>Fever, Friend,<br>Goodfella, Jackpot,<br>Murder 8, Tango and<br>Cash, TNT                | Fentanyl (Actiq®,<br>Duragesic®,<br>Sublimaze®)                          | Lozenge, sublingual<br>tablet, film, buccal tablet | Injected, smoked,<br>snorted                                     | II              |
| Vike, Watson-387  | Hydrocodone or dihydrocodeinone (Vicodin®, Lortab®, Lorcet®, and others) | Capsule, liquid, tablet                            | Swallowed, snorted, injected                                     | II              |
| D, Dillies, Footballs,<br>Juice, Smack  | Hydromorphone<br>(Dilaudid®)   | Liquid, suppository                                | Injected, rectal   | II              |
| Demmies, Pain Killer  | Meperidine (Demerol®)  | Tablet, liquid                                     | Swallowed, snorted, injected                                     | II              |
| Amidone, Fizzies With MDMA: Chocolate Chip Cookies  | Methadone<br>(Dolophine®,<br>Methadose®)                                 | Tablet, dispersible tablet, liquid                 | Swallowed, injected  | II              |
| M, Miss Emma,<br>Monkey, White Stuff  | Morphine<br>(Duramorph®,<br>Roxanol®)                                    | Tablet, liquid, capsule, suppository               | Injected, swallowed,<br>smoked                                   | 11, 111         |
| O.C., Oxycet,<br>Oxycotton, Oxy,<br>Hillbilly Heroin, Percs   | Oxycodone<br>(OxyContin®,<br>Percodan®, Percocet®,<br>and others)        | Capsule, liquid, tablet                            | Swallowed, snorted, injected                                     | II              |
| Biscuits, Blue Heaven,<br>Blues, Mrs. O, O<br>Bomb, Octagons, Stop<br>Signs   | Oxymorphone<br>(Opana®)  | Tablet   | Swallowed, snorted, injected                                     | II              |

|                             | Possible Health Effects  |
|-----------------------------|--|
| Short-term                  | Pain relief, drowsiness, nausea, constipation, euphoria, confusion, slowed breathing, death.   |
| Long-term                   | Unknown.   |
| Other Health-related        | Pregnancy: Miscarriage; low birth weight; neonatal abstinence syndrome.  |
| Issues                      |  |
|                             | Older Adults: Higher risk of accidental misuse or abuse because many older adults have multiple prescriptions, increasing the risk of drug-drug interactions, and breakdown of drugs slows with age; also, many older adults are treated with prescription medications for pain. |
|                             | Risk of HIV, hepatitis, and other infectious diseases from shared needles.   |
| In Combination with Alcohol | Dangerous slowing of heart rate and breathing leading to coma or death.  |
| Withdrawal                  | Restlessness, muscle and bone pain, insomnia, diarrhea, vomiting, cold flashes with goose  |
| Symptoms                    | bumps ("cold turkey"), leg movements.  |
|                             | Treatment Options  |
| Medications                 | Methadone  |
|                             | Buprenorphine  |
|                             | Naltrexone (short- and long-acting)  |
| Behavioral Therapies        | Behavioral therapies that have helped treat addiction to heroin may be useful in treating prescription opioid addiction.   |

# **Prescription Sedatives (tranquilizers, depressants)**

Medications that slow brain activity, which makes them useful for treating anxiety and sleep problems. For more information, see the <u>Prescription Drug Abuse Research Report</u>.

| Street Names  | Commercial Names<br>(Common)  | Common Forms   | Common Ways Taken  | DEA<br>Schedule |
|---|---|--|--|-----------------|
| Barbs, Phennies, Red<br>Birds, Reds, Tooies,<br>Yellow Jackets,<br>Yellows              | Barbiturates: pentobarbital (Nembutal®), phenobarbital (Luminal®)   | Pill, capsule, liquid                                      | Swallowed, injected  | II, III, IV     |
| Candy, Downers,<br>Sleeping Pills, Tranks   | Benzodiazepines:<br>alprazolam (Xanax®),<br>chlorodiazepoxide<br>(Limbitrol®), diazepam<br>(Valium®), lorazepam<br>(Ativan®), triazolam<br>(Halicon®) | Pill, capsule, liquid                                      | Swallowed, snorted   | IV              |
| Forget-me Pill,<br>Mexican Valium, R2,<br>Roche, Roofies,<br>Roofinol, Rope,<br>Rophies | Sleep Medications:<br>eszopiclone (Lunesta®),<br>zaleplon (Sonata®),<br>zolpidem (Ambien®)  | Pill, capsule, liquid                                      | Swallowed, snorted   | IV              |
|   | Po  | ssible Health Effects                                      |  |                 |
| Short-term  | •   | ech, poor concentration, co<br>, lowered blood pressure, s | onfusion, dizziness, problems v<br>slowed breathing.               | vith            |
| Long-term   | Unknown.  |  |  |                 |
| Other Health-related Issues   |   | ometimes used as date rapod<br>d other infectious diseases | -  |                 |
| In Combination with Alcohol   | Further slows heart rate  | and breathing, which can                                   | ead to death.  |                 |
| Withdrawal<br>Symptoms  |   | a health care provider; bar<br>at may even include seizur  | biturate withdrawal can cause<br>es.                               | a serious       |
|   |   | Treatment Options  |  |                 |
| Medications   |   |  | ddiction to prescription sedati<br>e help of a health care provide |                 |
| Behavioral Therapies  | More research is needed prescription sedatives.   | I to find out if behavioral tl                             | nerapies can be used to treat a                                    | addiction to    |

### **Prescription Stimulants**

Medications that increase alertness, attention, energy, blood pressure, heart rate, and breathing rate. For more information, see the <u>Prescription Drug Abuse Research Report</u>.

| Street Names  | Commercial Names<br>(Common)                      | Common Forms   | Common Ways Taken   | DEA<br>Schedule |
|---|---|--|---|-----------------|
| Bennies, Black<br>Beauties, Crosses,<br>Hearts, LA<br>Turnaround, Speed,<br>Truck Drivers, Uppers | Amphetamine<br>(Adderall®,<br>Benzedrine®)        | Tablet, capsule  | Swallowed, snorted, smoked, injected  | II              |
| JIF, MPH, R-ball,<br>Skippy, The Smart<br>Drug, Vitamin R   | Methylphenidate<br>(Concerta®, Ritalin®)          | Liquid, tablet, chewable tablet, capsule                     | Swallowed, snorted,<br>smoked, injected,<br>chewed                                | II              |
|   | Po  | ssible Health Effects  |   |                 |
| Short-term  | blood vessels; increased                          | blood sugar; opened up bre                                   | ood pressure and heart rate; is athing passages.  I irregular heartbeat; heart fa |                 |
| Long-term   | Heart problems, psychos                           | is, anger, paranoia.   |   |                 |
| Other Health-related Issues   | Risk of HIV, hepatitis, and                       | d other infectious diseases f                                | rom shared needles.   |                 |
| In Combination with Alcohol   | Masks the depressant ac blood pressure and jitter |  | sk of alcohol overdose; may   | increase        |
| Withdrawal<br>Symptoms  | Depression, tiredness, slo                        | eep problems.  |   |                 |
|   | 7   | Freatment Options  |   |                 |
| Medications   | There are no FDA-approv                           | ved medications to treat stir                                | nulant addiction.   |                 |
| Behavioral Therapies  |   | t have helped treat addictio<br>cription stimulant addiction | n to cocaine or methamphet<br>1.  | amine may       |

# Psilocybin

A hallucinogen in certain types of mushrooms that grow in parts of South America, Mexico, and the United States. For more information, see the <u>Hallucinogens and Dissociative Drugs Research Report</u>.

| more information, see the <u>Hallacinogens and Dissociative Drugs Research Report.</u> |   |   |                               |             |
|--|---|---|-------------------------------|-------------|
| Street Names   | Commercial Names                        | Common Forms  | Common Ways Taken             | DEA         |
|  |   |   |                               | Schedule    |
| Little Smoke, Magic  | No commercial uses                      | Fresh or dried  | Swallowed (eaten,             | 1           |
| Mushrooms, Purple  |   | mushrooms with long,  | brewed as tea, or added       |             |
| Passion, Shrooms   |   | slender stems topped by   | to other foods)               |             |
| ,  |   | caps with dark gills  | ,                             |             |
|  | Po                                      | ssible Health Effects   | 1                             |             |
| Short-term   | Hallucinations, altered p               | erception of time, inability to                                 | tell fantasy from reality, pa | nic, muscle |
|  | relaxation or weakness,                 | problems with movement, e                                       | nlarged pupils, nausea, vomi  | ting,       |
|  | drowsiness.                             |   |                               |             |
| Long-term  | Risk of flashbacks and memory problems. |   |                               |             |
| Other Health-related   | Risk of poisoning if a pois             | Risk of poisoning if a poisonous mushroom is accidentally used. |                               |             |
| Issues   |   |   |                               |             |
| In Combination with  | May decrease the percei                 | May decrease the perceived effects of alcohol.                  |                               |             |
| Alcohol  |   |   |                               |             |
| Withdrawal   | Unknown.                                |   |                               |             |
| symptoms   |   |   |                               |             |
|  | •                                       | Freatment Options   |                               |             |
| Medications  | It is not known whether                 | psilocybin is addictive. There                                  | are no FDA-approved medic     | cations to  |
|  | treat addiction to psilocy              | bin or other hallucinogens.                                     |                               |             |
| Behavioral Therapies   | More research is needed                 | to find out if psilocybin is ac                                 | ddictive and whether behavio  | oral        |
|  | therapies can be used to                | treat addiction to this or oth                                  | ner hallucinogens.            |             |

#### Salvia

A dissociative drug that is an herb in the mint family native to southern Mexico, *Salvia divinorum*. Dissociative drugs are hallucinogens that cause the user to feel detached from reality. For more information, see the <a href="Hallucinogens and Dissociative Drugs Research Report">Hallucinogens and Dissociative Drugs Research Report</a>.

| Street Names                           | Commercial Names                                   | Common Forms   | Common Ways Taken                               | DEA<br>Schedule  |
|--|--|--|---|--|
| Magic mint, Maria<br>Pastora, Sally-D, | Sold legally in most states as Salvia              | Fresh or dried leaves                                    | Smoked, chewed, or brewed as tea                | Not<br>Scheduled   |
| Shepherdess's Herb,<br>Diviner's Sage  | divinorum.   |  |   | (but<br>labeled<br>drug of<br>concern<br>by DEA<br>and illegal<br>in some<br>states) |
|  |  | ossible Health Effects                                   |   |  |
| Short-term                             |  | iallucinations; altered visua<br>detachment from one's b | al perception, mood, body sen<br>ody; sweating. | sations;   |
| Long-term                              | Unknown.   |  |   |  |
| Other Health-related Issues            | Unknown.   |  |   |  |
| In Combination with Alcohol            | Unknown.   |  |   |  |
| Withdrawal<br>Symptoms                 | Unknown.   |  |   |  |
|  | •  | Treatment Options  |   |  |
| Medications                            | It is not known whether addiction to salvia or oth |  | re no FDA-approved medication                   | ons to treat   |
| Behavioral Therapies                   | More research is needed used to treat addiction to |  | ctive, but behavioral therapie                  | s can be   |

# Steroids (Anabolic)

Man-made substances used to treat conditions caused by low levels of steroid hormones in the body and abused to enhance athletic and sexual performance and physical appearance. For more information, see the <u>Anabolic Steroid Abuse Research Report</u>.

| Street Names                        | Commercial Names<br>(Common)   | Common Forms  | Common Ways Taken                         | DEA<br>Schedule |
|-------------------------------------|--|---|---|-----------------|
| Juice, Gym Candy,<br>Pumpers, Roids | Nandrolone (Oxandrin®), oxandrolone (Anadrol®), oxymetholone (Winstrol®), stanozolol (Durabolin®), testosterone cypionate (Depo-testosterone®)   | Tablet, capsule, liquid<br>drops, gel, cream, patch,<br>injectable solution | Injected, swallowed, applied to skin      | III             |
|                                     | Ро   | ssible Health Effects   |   |                 |
| Short-term                          |  | ention (especially in the hanes, infection at the injection                 | nds and feet), oily skin, yellov<br>site. | ving of the     |
| Long-term                           | Kidney damage or failure; liver damage; high blood pressure, enlarged heart, or changes in cholesterol leading to increased risk of stroke or heart attack, even in young people; aggression; extreme mood swings; anger ("roid rage"); paranoid jealousy; extreme irritability; delusions; impaired judgment. |   |   |                 |
| Other Health-related Issues         | breasts, increased risk fo   | r prostate cancer.  | rtility, baldness, developmen             |                 |
|                                     | clitoris, deepened voice.  Adolescents: Stunted gro Risk of HIV, hepatitis, and  | wth.<br>d other infectious diseases fr                                      | om shared needles.                        |                 |
| In Combination with Alcohol         | Increased risk of violent behavior.  |   |   |                 |
| Withdrawal<br>Symptoms              | Mood swings; tiredness; restlessness; loss of appetite; insomnia; lowered sex drive; depression, sometimes leading to suicide attempts.  |   |   |                 |
|                                     | 1  | Freatment Options   |   |                 |
| Medications                         | Hormone therapy  |   |   |                 |
| Behavioral Therapies                | More research is needed addiction.   | to find out if behavioral the   | rapies can be used to treat s             | teroid          |

### Synthetic Cannabinoids ("K2"/"Spice")

A wide variety of herbal mixtures containing man-made cannabinoid chemicals related to THC in marijuana but often much stronger and more dangerous. Sometimes misleadingly called "synthetic marijuana" and marketed as a "natural," "safe," legal alternative to marijuana. For more information, see the <a href="Spice">Spice</a> ("Synthetic Marijuana")
<a href="DrugFacts">DrugFacts</a>.

| Street Names  | Commercial Names                               | Common Forms   | Common Ways Taken                    | DEA<br>Schedule |
|---|--|--|--------------------------------------|-----------------|
| K2, Spice, Black<br>Mamba, Bliss, Bombay<br>Blue, Fake Weed, Fire,<br>Genie, Moon Rocks,<br>Skunk, Smacked,<br>Yucatan, Zohai | No commercial uses                             | Dried, shredded plant<br>material that looks like<br>potpourri and is<br>sometimes sold as<br>"incense"  | Smoked, swallowed<br>(brewed as tea) | I               |
|   | Po   | ossible Health Effects   |                                      | 1               |
| Short-term  | -  | Increased heart rate; vomiting; agitation; confusion; hallucinations, anxiety, paranoia; increased blood pressure and reduced blood supply to the heart; heart attack. |                                      |                 |
| Long-term   | Unknown.                                       |  |                                      |                 |
| Other Health-related Issues   | Use of synthetic cannabiareas.                 | noids has led to an increase   | in emergency room visits in          | certain         |
| In Combination with Alcohol   | Unknown.                                       |  |                                      |                 |
| Withdrawal<br>Symptoms  | Headaches, anxiety, dep                        | ression, irritability.   |                                      |                 |
|   | ,  | Treatment Options  |                                      |                 |
| Medications   | There are no FDA-appro                         | ved medications to treat K2  | /spice addiction.                    |                 |
| Behavioral Therapies  | More research is needed cannabinoid addiction. | to find out if behavioral th   | erapies can be used to treat s       | synthetic       |

### Tobacco

Plant grown for its leaves, which are dried and fermented before use. For more information, see the Tobacco/Nicotine Research Report.

| Tobacco/Nicotine Rese       | arch Report.                               |  |                                       |                  |  |
|-----------------------------|--|--|---------------------------------------|------------------|--|
| Street Names                | Commercial Names                           | Common Forms   | Common Ways Taken                     | DEA<br>Schedule  |  |
| None                        | Multiple brand names                       | cigarettes, cigars, bidis,<br>hookahs, smokeless<br>tobacco (snuff, spit<br>tobacco, chew)   | Smoked, snorted,<br>chewed, vaporized | Not<br>Scheduled |  |
|                             | Po   | ossible Health Effects   |                                       |                  |  |
| Short-term                  | Increased blood pressur                    | e, breathing, and heart rate   |                                       |                  |  |
| Long-term                   | -  | Greatly increased risk of cancer, especially lung cancer when smoked and oral cancers when chewed; chronic bronchitis; emphysema; heart disease; leukemia; cataracts; pneumonia. |                                       |                  |  |
| Other Health-related Issues | Pregnancy: miscarriage, behavior problems. | Pregnancy: miscarriage, low birth weight, premature delivery, stillbirth, learning and behavior problems.  |                                       |                  |  |
| In Combination with Alcohol | Unknown.                                   |  |                                       |                  |  |
| Withdrawal symptoms         | Irritability, attention and                | d sleep problems, increased  | appetite.                             |                  |  |
|                             |  | Treatment Options  |                                       |                  |  |
| Medications                 | Bupropion (Zyba                            | an®)   |                                       |                  |  |
|                             | Varenicline (Cha                           | intix®)  |                                       |                  |  |
|                             | Nicotine replace                           | ement (gum, patch, lozenge)  |                                       |                  |  |
| Behavioral Therapies        | Cognitive-behave                           | ioral therapy (CBT)  |                                       |                  |  |
|                             | Self-help materi                           | als  |                                       |                  |  |
|                             | Mail, phone, and                           | d Internet quit resources  |                                       |                  |  |